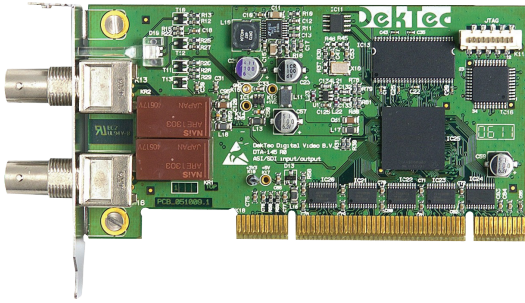


# Multi-Purpose ASI/SDI Adapter for PCI Bus

DekTec DTA-145



## KEY FEATURES

- Two BNC ports: one dedicated ASI/SDI output port and one software selectable
- ASI/SDI/Genlock input or second independent output port, with status LED
- All hardware and software features found in the marketplace, plus more
- Watchdog controlled input to output relays for redundant configurations
- Prepared for Genlock
- Cable equalization and inverted ASI
- Bit-rate measurement and statistics
- Flexible receive modes with time stamping, packet sequence counting and false sync pass through for full TR 101 290 support
- SDI Huffman encoding / decoding
- Low and standard profile PCI bracket
- PCI rev 2.2, 32 bit, 33 or 66 MHz bus
- Free drivers and DTAPI SDK for Linux, Windows 2K/XP/2K3 and .NET
- Example source code for stream player and stream recorder

## APPLICATIONS

- Universal ASI/SDI input/output adapter for PC-based applications that record, play and/or process MPEG2 transport streams

- ASI/SDI input+output or dual output
- Low profile or standard PCI
- Most complete feature set in the market

## KEY ATTRIBUTES

Parameter		Value
Connector		75Ω BNC (2x *)
Hardware buffering		16 MB / channel
ASI	Physical layer	EN50083-9
	Bit Rate range	0 to 214 Mbit/s
	Packet size in bytes	188 or 204 **
SDI	Physical layer	SMPTE 259M
	Bit rate	270 Mbit/s
	#Bits	8 or 10 bit

\* 1x output and 1x software-selectable input or output  
 \*\* Arbitrary packet size in raw mode

## RELATED PRODUCTS

Type	Description
DTA-2145	Multi-Purpose ASI/SDI Adapter for PCI Express

## ORDERING INFORMATION

Type	Description
DTA-145-SDP	Multi-Purpose ASI/SDI Adapter for PCI with DtGrabber+ , DtTV and StreamXpress Software
DTA-145-SXP	DTA-145-SDP with StreamXpert TS Analyzer Software

Sencore is the preferred distributor of DekTec in North America.